

PUBLIC SUMMARY
CP-9 LEO LICENSE UCP-2016-L1

LICENSEE AND AFFILIATES:

Licensee is an auxiliary organization supporting the California Polytechnic State University:

Cal Poly Corporation
c/o Sponsored Programs
1 Grand Avenue, Building 15
San Luis Obispo, CA 93407-0830

California Polytechnic State University
1 Grand Avenue
San Luis Obispo, CA 93407

PUBLIC SUMMARY:

The Launch Environment Observer (LEO) is a 2U CubeSat designed to measure G-force and thermal data during launch vehicle ascent. The mission will help characterize the launch vehicle and provide data for NASA Launch Services Program (LSP) to better understand the launch environment for CubeSats in a P-POD. Prior to P-POD deployment, LEO will receive additional collected data from its partner satellite, StangSat, through Wi-Fi transmission. Once LEO is ejected from the P-POD, its camera will take pictures of StangSat, the antenna will deploy, and both LEO and StangSat data will be transmitted back to Earth by LEO.

TECHNICAL CONTACT:

Dr. Jordi Puig-Suari
California Polytechnic State University
CENG- Aerospace Engineering
San Luis Obispo, CA 93407
Telephone: (805) 756-6479
Email: jpuigsua@calpoly.edu